

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Period: \_\_\_\_\_

Properties of Numbers worksheet

Name the property that each equation illustrates.

$$83 + 6 = 6 + 83$$

\_\_\_\_\_

$$1 \cdot 4y = 4y$$

\_\_\_\_\_

$$x + (-x) = 0$$

\_\_\_\_\_

$$6 \cdot (x \cdot y) = (6 \cdot x) \cdot y$$

\_\_\_\_\_

$$x + y = y + x$$

\_\_\_\_\_

$$7(3 + 4y) = 21 + 28y$$

\_\_\_\_\_

$$ab + c = ba + c$$

\_\_\_\_\_

$$15x + 15y = 15(x + y)$$

\_\_\_\_\_

$$\frac{2}{3} \cdot \frac{3}{2} = 1$$

\_\_\_\_\_

Write the number that makes each statement true.

$27 + \underline{\hspace{2cm}} = 12 + 27$	$(8 + 20) + 9 = \underline{\hspace{2cm}} + (20 + 9)$
$9(8 - 5) = \underline{\hspace{2cm}} \cdot 8 - \underline{\hspace{2cm}} \cdot 5$	$8 \cdot 10 = 10 \cdot \underline{\hspace{2cm}}$
$3 \cdot (9 \cdot 6) = (3 \cdot 9) \cdot \underline{\hspace{2cm}}$	$(\underline{\hspace{2cm}} \cdot 6) + (\underline{\hspace{2cm}} \cdot 4) = 7(6 + 4)$







Name: \_\_\_\_\_

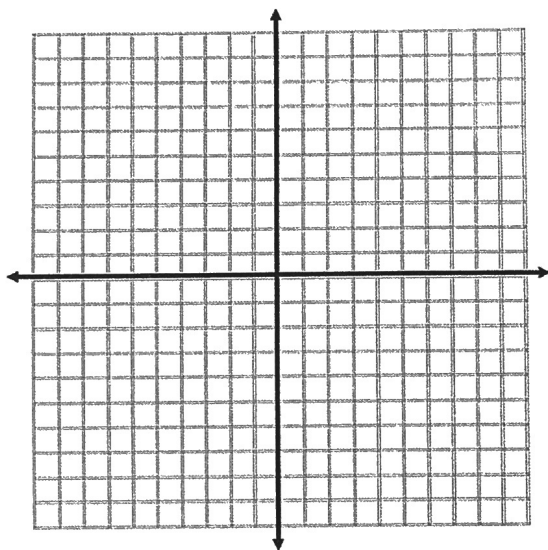
Teacher: \_\_\_\_\_

Algebra Pd: \_\_\_\_\_

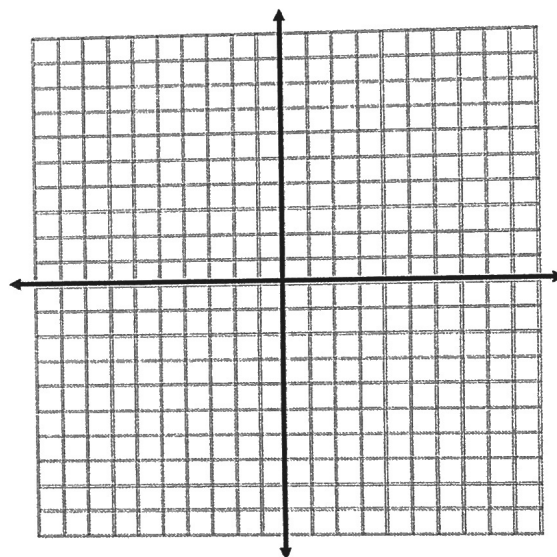
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Day      Month      Year

## Graphing Lines in All 3 Forms (Lesson 1.13)

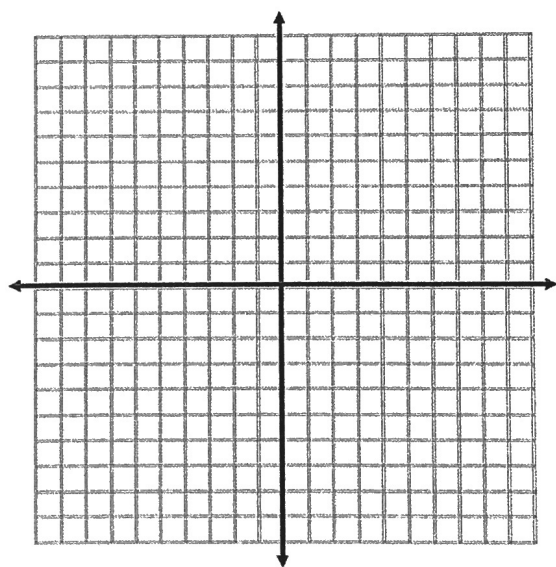
1.  $x = 4$



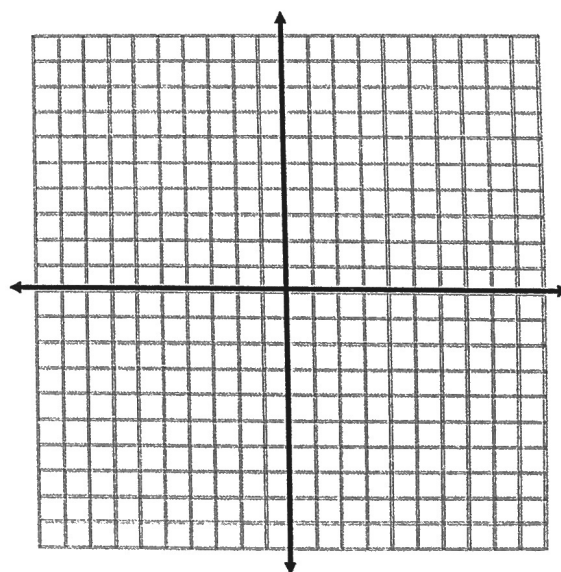
2.  $y = \frac{2}{3}x + 1$



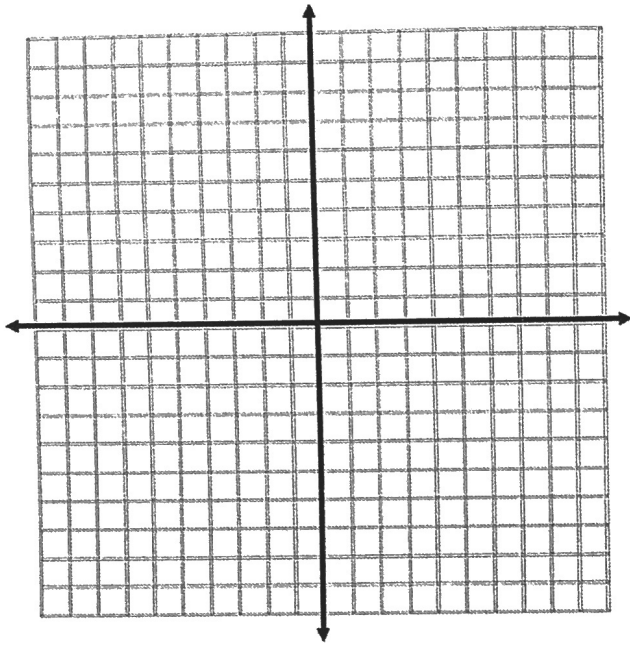
3.  $5x - y = 10$



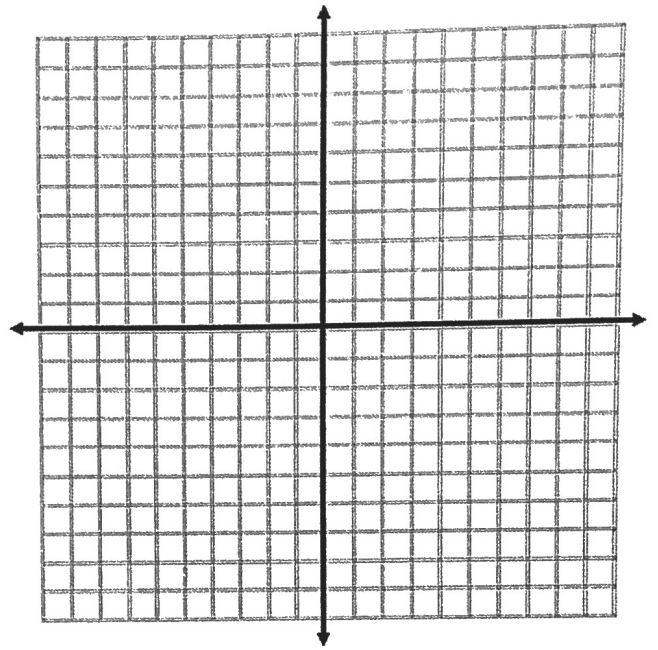
4.  $2x - 4y = -4$



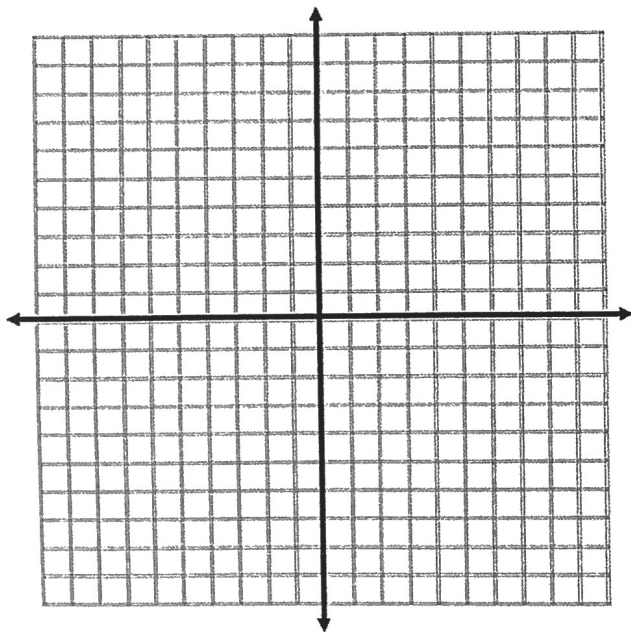
$$5. y - 7 = 2(x + 1)$$



$$6. y + 1 = \frac{-1}{8}(x + 3)$$



$$7. y - 3 = x - 2$$



$$8. y + 7 = \frac{5}{6}(x + 3)$$

